



SPECIFICATION

SOCKET WITH SHUTTER

5 CROSS-REFERENCE TO RELATED APPLICATIONS

This application is based upon and claims the benefit of priority from the prior Japanese Patent Application No.2003-048127 filed on February 25th in 2003, the entire contents of which is incorporated herein by reference.

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FIELD OF THE INVENTION

The present invention relates to a socket (or a socket connector) for electric connection.

15 BACKGROUND OF THE INVENTION

Recently, miniature electronic devices such as cellular phones, micro video cameras, and portable information terminals can send and receive data to and from desk top personal computers. These miniature electronic devices are mounted with a socket which is used as an interface connector (or an I/O connector) for sending or receiving data.

In many cases, electronic devices with the socket use a connection base designated as a cradle (also referred to as a docking station) for sending or receiving data.

The cradle is mounted with a plug thereon and is connected to a cable by which the cradle and a desk top personal computer are connected to each other. On the other hand, an electronic